The increasing complexity of real-time embedded systems demands advanced methodologies that can facilitate their design and analysis, while assuring correctness, real-time constraints, and performance requirements. Compositional theories and technologies allow for the decomposition of a complex system into components, as well as their safe integration.

The topics of interest of the CRTS include (but are not limited to)

- Interface of real-time components
- Multi-resource abstractions
- Component-based Schedulability Analysis
- Integration of real-time components
- Compositional formal methods
- Compositional issues in distributed systems
- Composition of policies and services

This year we solicit two kinds of contribution to the workshop:

- **Regular papers** should describe the state-of-the-art, present work-in-progress, or suggest open issues covering one or more of the topics of interest of the workshop. Submissions should not exceed 8 pages. Submitting a regular paper implies that should the paper be accepted, one of the authors will register and present the paper at the workshop.

- **Demo abstracts** should describe a tool or methodology that allow the composition of systems with real-time characteristics. Submissions should not exceed 2 pages. A submission of a demo abstract implies that should the demo be accepted, at least one of the authors will register and show the tool/methodology described in the abstract on a laptop.

Submission guidelines are available at the workshop web page: [http://retis.sssup.it/crts2010/](http://retis.sssup.it/crts2010/)

**Keynote speaker**: Edward A. Lee, University of California, Berkeley, USA.

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**Important dates:**
- Regular paper submission deadline: September 24, 2010
- Demo abstract submission deadline: September 24, 2010
- Notification: October 24, 2010
- Camera-ready version: November 4, 2010
- Workshop: November 30, 2010

**Keynote speaker**: Edward A. Lee, University of California, Berkeley, USA.